

~~CONFIDENTIAL~~

(Att.) LIT 063-87

OIT-0202-87 OIT/TRIS  
30 APR 1987 LOGGED

MEMORANDUM FOR: Director, Foreign Broadcast Information Service

FROM: Edward J. Maloney  
Director of Information Technology

SUBJECT: Communications Requirements for FBIS at Reston

REFERENCE: Memo OIT-063-87 dated 11 February 1987, same subject

1. We have reviewed your INTERNET requirements for service between Headquarters and Reston. Four additional fibers will need to be leased in the existing cable system between Headquarters and Reston. The fiber lease, transmission equipment, and installation for the two full duplex video channels, wideband fax and six full duplex audio channels will cost \$268,000, which includes the first two years lease of the fibers. OIT will fund for continued lease of the fibers after the first two years. Equipment space in Headquarters and Reston will be provided by OIT. INTERNET service to Reston will be via Headquarters until fiber optic communications can be implemented to the FBIS earth terminal  scheduled for FY 89.

2. The INTERNET service between Headquarters and Reston will be available 90 days after receipt of funding from FBIS.

3. The interface for this service will be electrical at your terminal locations at both Reston and Headquarters. An Interface Control Document will be prepared for your approval shortly. This document will be a jointly controlled document, between NBCPD and FBIS.

4. The point of contact for this system will be

*fr* Edward J. Maloney

WARNING NOTICE  
INTELLIGENCE SOURCES  
OR METHODS INVOLVED

~~CONFIDENTIAL~~

## CONFIDENTIAL

25X1

SUBJECT: Communications Requirements for FBIS at Reston INTERNET COSTSEQUIPMENT COSTS

1	GVG 1300 nm FDX Video Transmission	\$ 26,000
1	GVG 1500 nm FDX Video Transmission	\$ 32,000
9	Single FDX Audio Boards	\$ 9,900
4	Fiber Optic Splitters	\$ 20,000
	Cable, Connectors, Patch	\$ 15,000
	TOTAL	<u>\$102,900</u>

FIBER LEASE

Two year Lease	\$115,100
----------------	-----------

INSTALLATION

Installation, Checkout and Test	\$ 50,000
---------------------------------	-----------

<u>TOTAL</u>	\$268,000
--------------	-----------

CONFIDENTIAL

25X1 SUBJECT: Communications Requirements for FBIS at Reston

25X1 DDA/OIT/NSFG/NBCPD  (13 APR 87)

Distribution:

Original - Addressee

- 1 - DDA
- 1 - D/OIT
- 1 - AC/NSEG
- 1 - NSEG/NBCPD Chrono
- 1 - NSEG/NBCPD Subject
- 2 - OIT Registry

CONFIDENTIAL

CONFIDENTIAL

OIT # 063-87  
11 FEB 1987

~~OIT/FBIS~~  
LOGGED

MEMORANDUM FOR: Director, Foreign Broadcast Information Service

FROM: Edward J. Maloney  
Director of Information Technology

SUBJECT: Communications Requirements for FBIS at Reston [ ]

REFERENCE: FBIS memo 1265/87, dtd 20 Jan 87, Same Subject

1. We have reviewed your INTERNET requirements for service between Headquarters and Reston. OIT will provide for the routing of the INTERNET signals from the Headquarters Penthouse to OIR's Television Operations Center (TOC), and to OIT's Headquarters to Reston fiber optic system in phase with your completion of the INTERNET microwave system. [ ]

2. From a preliminary review of your new requirements, it appears that four additional fibers will need to be leased in the existing cable system between Headquarters and Reston. At your request, full redundancy for your system can be provided through the addition of eight fibers in the alternate cable that will be available in August 1987. INTERNET will be served from Headquarters until the fiber optic service to the earth terminal site at Quantico can be implemented. The cost of these additional requirements will be submitted to you shortly. [ ]

3. The specifics of the OIT-FBIS interface will be defined by the FBIS and OIT technical representatives. The two full duplex video channels between Reston and your TV Receive Only (TVRO) system and the two 56 KBPS circuits in support of the new automated system will be available by 15 May 1987. These requirements are part of the Reston Baseline, requiring no additional funding. [ ]

4. The point of contact for this system will be [ ]

Edward J. Maloney

cc: DDA

WARNING NOTICE  
INTELLIGENCE SOURCES  
OR METHODS INVOLVED

CONFIDENTIAL

CONFIDENTIAL

25X1

SUBJECT: Communications Requirements for FBIS at Reston

25X1

ORIG: OIT/BPO/  (4 Feb 87) (retyped 10 Feb 87:rd)

Distribution:

- Orig - addressee
- 1 - DDA
- 1 - D/OIT
- 2 - OIT Registry
- 1 - OIT/BPCPD Chrono
- 1 - OIT/BPCPD Subject